

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SGG-1716-PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/KR 03/01754	International filing date (<i>day/month/year</i>) 29 August 2003 (29.08.2003)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant HAREXINFOTECH INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 6 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:
 - contained in the international application in written form.
 - filed together with the international application in computer readable form.
 - furnished subsequently to this Authority in written form.
 - furnished subsequently to this Authority in computer readable form.
 - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. Certain claims were found unsearchable (See Box I).

3. Unity of invention is lacking (See Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.: 2A

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

None of the figures.

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/KR 03/01754-0**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see extra sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 03/01754-0

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G07F 7/08, G06F 17/60, H04M 11/00, H04Q 7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G07F, G06F, H04M, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1998/034203 A1 (QUALCOMM INCORPORATED) 6 August 1998 (06.08.98) <i>abstract, figs. 1-3, page 3, lines 17-37, page 7, line 9 - page 9, line 9.</i>	1
Y		2-4,7-18
X	WO 2002/080122 A1 (HAREXINFOTECH INC.) 10 October 2002 (10.10.02) <i>abstract, fig. 1,3, page 9, lines 4-15, page 12, lines 14-15.</i>	19
Y		13-18
Y	US 6016476 A (MAES, S.H. et al) 18 January 2000 (18.01.00) <i>abstract, figs. 4-6, column 3, line 53 - column 4, line 11, column 9, line 65 - column 10, line 17, column 10, lines 28-57, column 11, lines 9-41, column 12, lines 5-29, column 12, lines 47-51, column 13, line 51 - column 14, line 16, column 14, lines 30-35.</i>	2-4,7-12

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents: ,,A“ document defining the general state of the art which is not considered to be of particular relevance	,,T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
,,E“ earlier application or patent but published on or after the international filing date	,,X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
,,L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	,,Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
,,O“ document referring to an oral disclosure, use, exhibition or other means	
,,P“ document published prior to the international filing date but later than the priority date claimed	,,&“ document member of the same patent family

Date of the actual completion of the international search 20 January 2004 (20.01.2004)	Date of mailing of the international search report 13 February 2004 (13.02.2004)
Name and mailing address of the ISA/AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. 1/53424/535	Authorized officer LOIBNER K. Telephone No. 1/53424/323

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR 03/01754-0

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/065404 A2 (WILLIAMS, S.) 22 August 2002 (22.08.02) <i>abstract, figs. 1,3,6, page 10, lines 11-15, page 16, line 19 - page 17, line 10, page 19, line 31 - page 20, line 6.</i>	1
Y		
X	GB 2353389 A (NCR INTERNATIONAL, INC.) 21 February 2001 (21.02.01) <i>abstract, figs. 1-3, page 10, lines 11-16, page 11, line 20 - page 12, line 6, page 18, line 15 - page 19, line 6, page 22, lines 20-28.</i>	5,6 1
Y	-----	5,6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 03/01754-0

Continuation of Box II:

Group I: Claims 1-12: Drawn to a user interfacing method of performing financial settlement using a mobile unit, whereby the essential steps of said method describes the process to enable a user to select a particular financial settlement card out of a plurality of financial settlement cards, whereby said plurality of financial settlement cards are stored in the mobile unit and said particular financial settlement card is selected as a default settlement card used for following mobile payment applications.

Group II: Claims 13-19: Drawn to user interfacing method of performing financial settlement using a mobile unit whereby information is transmitted and received between a mobile unit and a base unit connected as a card terminal, whereby the essential steps of said method describes the process to initiate communication with said base unit upon pressing a key of the mobile unit, thereby performing a settlement.

The special technical feature of Group I invention is the concept to determine a particular financial settlement card out of a plurality of financial settlement cards.

The special technical feature of Group II invention is the concept to initiate a financial settlement between a mobile unit and a base unit by pressing a key.

Unity of invention is lacking as the special technical feature of Group I invention is not present in Group II invention and the special technical feature of Group II invention is not present in Group I invention.

INTERNATIONAL SEARCH REPORT
Information on patent family members

1. National application No.
PCT/KR 03/01754-0

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB A 2353389		2001-02-21	none	
US A 6016476			IL A 130068 JP T 2001512876T HU A 0004470 TW B 385400 PL A 338353 EP A 1004099	2003-01-12 2001-08-28 2001-05-28 2000-03-21 2000-10-23 2000-05-31
WO A 19980342 03			none	
WO A 20020654 04			none	
WO A 20020801 22			none	

BEST AVAILABLE COPY